Satellite®

Model Name	Description	Part Number	UPC Code
Satellite M45-S265	*Intel ® Pentium® M processor 730*, 512MB DDR SDRAM, *100GB HDD (5400 RPM)*, 15.4" WXGA, DVD SuperMulti Double Layer, 802.11b/g, *Microsoft® Windows® XP Home (SP2)*, TOSHIBA® Express Media Player, i.LINK® 1394	PSM40U-07V001	032017358171
Satellite M45-S2651	*Intel ® Pentium® M processor 730*, 512MB DDR SDRAM, *100GB HDD (5400 RPM)*, 15.4" WXGA, DVD SuperMulti Double Layer, 802.11b/g, *Microsoft® Windows® XP Pro (SP2)*, TOSHIBA® Express Media Player, i.LINK® 1394	PSM40U-07V002	032017358188

System Characteristics[1]

Operating System

- Microsoft® Windows® XP Home (SP2) (S265)
- Microsoft Windows XP Professional (SP2) (S2651)
- TOSHIBA® Express Media Player for quick access to CD, DVD playback

CPU[2]

Intel® Centrino™ Mobile Technology featuring

- Intel Pentium® M processor 730 [1.60GHz, 2MB L2 cache, 533MHz FSB]
- Mobile Intel 915GM Express Chipset
- Intel PRO/Wireless 2200BG (802.11b/g)[3]

Memory[4]

- 512MB (Min)/2048MB (Max with two slots occupied) PC2700 DDR333 SDRAM 2.5V SODIMM Memory modules
- 2 memory slots (both memory slots may be occupied at the time of purchase); 2 user upgradeable SODIMM slots.

Mass Storage

- Hard Disk Drives[5]
  - 100GB (5400RPM), Enhanced IDE (ATA-6) hard disk drive; 9.5mm height; user removable)
- Optical Disk Drive
  - Fixed Bay DVD SuperMulti Double Layer drive
    - Maximum Speed
      - CD-ROM(24x:read), CD-R(24x:write), CD-RW(10x:write), DVD-ROM(8x:read), DVD-R(8x:write), DVD-RW(4x:write), DVD+R(8x:write), DVD+R [Double Layer] (2.4x:read/write),DVD+RW(4x:write), DVD-RAM(3x:write)
  - ODD Interface – Enhanced IDA

Display[6]

- 15.4" diagonal widescreen TruBrite™ TFT active-matrix LCD display at 1280 x 800 native resolution (WXGA)
- Contrast 400:1
- Brightness Control – FN+F6/ F7

Graphics

- Intel® Graphics Media Accelerator 900, 10-128MB Internal (UMA) shared video memory

Input Devices

- Keyboard
  - 85 key US keyboard, 2.7mm key stroke, 6mm keyboard height, 19.05mm key pitch
  - Hot Key Functions (FN); please see electronic User's Guide for more information
  - Windows Key Function
  - Application Key Function
- TouchPad™ (scroll with help of driver)
- Internet Button
- CD Control Button
  - Express Media Player button, Skip Previous, Skip Next, Play/Pause, Stop

Expandability

- 2 available expansion memory slots (both slots may be occupied at time of purchase)
- 1 PC Card slot support 1 Type II, PCMCIA R2.01, PC Card16, CardBus

Communications

- Integrated V.92 modem
- Marvell® 10BASE-T/100BASE-TX Ethernet
- Integrated Intel® Pro/Wireless LAN 2200BG (802.11BG)

Ports and Slots

- RGB (monitor out port)
- 3 Universal Serial Bus (USB) ports
- TV-Out (S-Video)
- RJ11 modem port
- RJ45 LAN port
- i.LINK™ IEEE 1394[7]

Physical Description

- Dimensions (WxDxH[front/back]): 14.17" (360mm)x10.57" (269mm)x1.14" (29mm)/1.43" (36.2mm) without feet
- Weight[8]: starting at 6.0 lbs. (2.72kg) – 6.7 lbs (3.0kg)
- Switch: Power, Wireless Communication
- LED Indicators: Power (common with Power/System Sleep Status), DC-IN, Primary HDD access, Power Save mode (with ACPI-OS, common to Power), Caps Lock, Arrow mode, Numeric mode, Main Battery Charging Status, System Sleep/Suspend Status (common with Power/System Sleep Status), Wireless Communication (for Wireless LAN), SD Card, System sleep status (shared with Power)

Sound

- Analog Devices, Inc. AD1981B Software Sound, AC'97 Rev2.2 Compatible
- 16-bit stereo; Built-in stereo speakers
- Direct 3D Sound; DirectSound, Direct Music, MIDI (playback) Support
- Audio Ports: External Microphone (monoaural), Headphone (stereo), Sound Volume (by dial)

Power Supply

- 75W (15V x 5A) Auto sensing external AC Adapter, 100-240V / 50-60Hz frequency (Universal) input.
- Dimensions (WxHxD): 5.35" (136mm) x 2.09" (53mm) x 1.18" (30mm)
- Weight[9]: starting at .88 lbs (400g)

Battery[10]

- 6-cell (4300mAh) rechargeable, removable Lithium Ion (Li-Ion)
- Dimensions (WxHxD): 8.13" (206.6mm) x 0.87" (22.02mm) x 2.1" (53.8mm)
- Weight[11]: 0.75 lbs (340g)
- Recharge Time: Main Battery Off/On – approximately 4.0 hours hrs/approximately 12 hours
- Battery Life: Up to 2 hour, 42 minutes (when using in Windows® mode) (measured by Mobilemark™ 2002)[12]

Security

- Slot for cable lock, Memory (by one screw), Main HDD (by six screws)
- Passwords: User Power on Password, CPU Serial Number, Setup, Supervisor Password
- Hotkey locks: Keyboard (FN+F1), Screen Blank
- Software: Screen Saver

BIOS

- APM Support (V1.2), ACPI Support (V1.0b), PnP Support (V1.0), VESA Support, DPMS Support, DDC Support, SM BIOS Support (V2.3), PCI BIOS Support (V2.1)

Software[13]

TOSHIBA Software and Utilities

- TOSHIBA Express Media Player
- TOSHIBA ConfigFree™
- TOSHIBA Custom Utilities
- TOSHIBA Common Modules
- TOSHIBA Hotkey Utility for Display Devices
- TOSHIBA Zooming Utility

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- TOSHIBA Power Saver
- TOSHIBA Utilities
- TOSHIBA Controls
- TOSHIBA Wireless Hotkey
- TOSHIBA Touch Pad On/Off Utility
- TOSHIBA Touch and Launch
- TOSHIBA Display Device Change Utility
- TOSHIBA Speech System
- TOSHIBA PC Diagnostic Tool
- TOSHIBA CD/DVD Drive Acoustic Silencer
- Satellite M45 Electronic User's Guide

Third-party Software[14]

- Microsoft® Office® OneNote™ 2003
- Microsoft® Works™ Version 8.0 with Office® 2003 Trial - Student/Teacher Edition
- Sun® Java™ 2 Runtime Environment
- Adobe® Acrobat® Reader version 5.0
- Software Decoder: InterVideo® (WinDVD™ 5)
- InterVideo® WinDVD™ Creator 2 Platinum
- Sonic™ Solutions RecordNow!™ Basic for TOSHIBA
- Sonic™ Solutions Drive Letter Access (DLA)
- Microsoft® Windows® Media Player version 10
- Napster® Digital Music Service – 30 days trial
- CA® EZFireWall™ – 30 days trial
- Norton® AntiVirus™ 2004 – w/3-Month Subscription
- AOL® version 9.0 – 3-Month offer[15]
- AT&T® Worldnet® Service – 1 Month offer
- Intuit® Quicken® New User Edition 2004
- QuickTime™ Player
- RealOne™ Player 8 Basic

Environmental Specifications[16]

	Operating	Non-Operating
Temperature	5° to 35°C (41° to 95°F)	-20° to 65°C (-4° to 149°F)
Thermal Gradient	15°C per hour maximum	20°C per hour maximum
Relative Humidity	20% to 80%	10% to 90%
Altitude (relative to sea level)	-60 to 3000 meters	-60 to 10,000 meters
Shock	7G, 1.5G when CD/DVD-ROM installed	60G
Vibration	0.2G, 0.25G when CD/DVD-ROM installed	1G

Limited Warranty

1-year Standard, Limited Warranty

Limited Warranty Upgrades and Extensions

Toshiba offers many different limited warranty extensions and enhancedservice plans such as SystemGuard®, At-Home Repair, and Service Express to provide additional support to your notebook PC. For a full description and complete list of programs, please visit www.accessories.toshiba.com

Accessories

For additional and most updated accessories, please visit www.accessories.toshiba.com

Category	Part Number	Description
Memory	KTT3311A/256	Kingston DDR 333, 256MB
Memory	KTT3311A/512	Kingston DDR 333, 512MB
Memory	KTT3311A/1G	Kingston DDR 333, 1GB
Power	PA3283U-2ACA	Toshiba 75W Global AC Adapter
Power	PA3399U-1BRS	Toshiba Primary Li Ion Battery Pack (6 Cell)
Power	PA3400U-1BRS	Toshiba Primary High Capacity Li Ion Battery Pack (12 Cell)
Storage	PA3109U-1FDD	Toshiba USB Floppy Disk Drive Kit
Security & Protection	PA1370U-1ETC	Toshiba Keyboard Protector (Tecra/Satellite/Qosmio)
Security & Protection	NWDEFCL	Targus-Noteworthy DEFCON CL Cable Lock
Wireless/Bluetooth	PA3405U-1BTM	Toshiba Bluetooth USB Adapter
Wireless/Bluetooth	PA3370U-1BTM	Toshiba Bluetooth SD Card V 1.2

Subject to Change

a. "While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's Web site at pcsupport.toshiba.com."

b. The product specifications and configuration information are designed for a product Series. Your particular model may not have all the features and specifications listed or illustrated. For more detailed information about the features and specifications on your particular model, please visit Toshiba's Web site at pcsupport.toshiba.com.

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[1] Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your select model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis, unless you have selected all those features.

2 Central Processing Unit ("CPU") Performance Disclaimer.
CPU performance in your computer product may vary from specifications under the following conditions:

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1. use of certain external peripheral products
2. use of battery power instead of AC power
3. use of certain multimedia, computer generated graphics or video applications
4. use of standard telephone lines or low speed network connections
5. use of complex modeling software, such as high end computer aided design applications
6. use of several applications or functionalities simultaneously
7. use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
8. use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please refer to your Resource Guide or visit the Toshiba website at www.pcsupport.toshiba.com for details).

CPU performance may also vary from specifications due to design configuration.
Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under “Environmental Conditions” in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.
3 The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration, and client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed.
4 The graphics system in your computer may use part of the main system memory for graphics performance and therefore reduce the amount of system memory available for other computing activities. The amount of system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors.
5 1 Gigabyte (GB) means 1000 x 1000 x 1000 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1024 x 1024 x 1024 = 1,073,741,824 bytes, and therefore may show less storage capacity. Available storage capacity will also be less if the product includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.
6 Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.
(a) Over a period of time, and depending on the usage of the computer, the brightness of the LCD Screen will deteriorate. This is an intrinsic characteristic of LCD technology.
(b) Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.
7 Optional on some systems. Your system may or may not have these options.
8 Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.
9 Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.
10 Battery life may vary considerably from specifications depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at www.accessories.toshiba.com..
11 Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.
12 MobileMark is a trademark of the Business Applications Performance Corporation.
13 Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.
14 Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.
15 AOL OFFER DETAILS: Availability may be limited, especially during peak times. TO AVOID BEING CHARGED A MONTHLY MEMBERSHIP FEE, SIMPLY CANCEL BEFORE THE THREE-MONTH PROMOTIONAL PERIOD ENDS. Premium services carry surcharges and communication surcharges may apply, including AK, even during promotional period. Members may incur telephone charges on their phone bill, depending on their location and calling plan, even during promotional period. Available to new AOL members in the United States, age 18 or older; a major credit card or checking account is required.
16 All temperature references are approximate and the performance of your computer may vary from specifications even when operating within the recommended temperature range.

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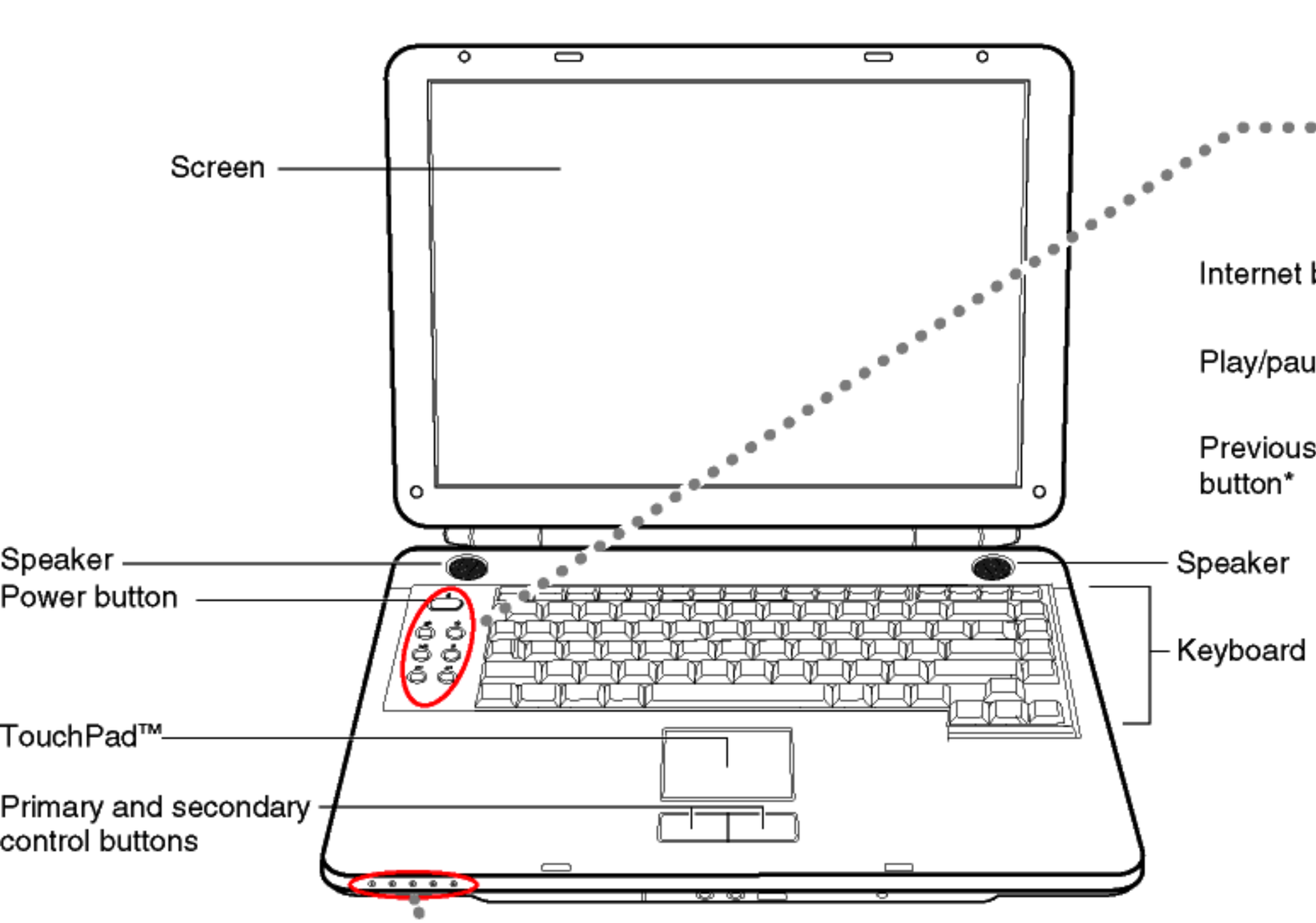
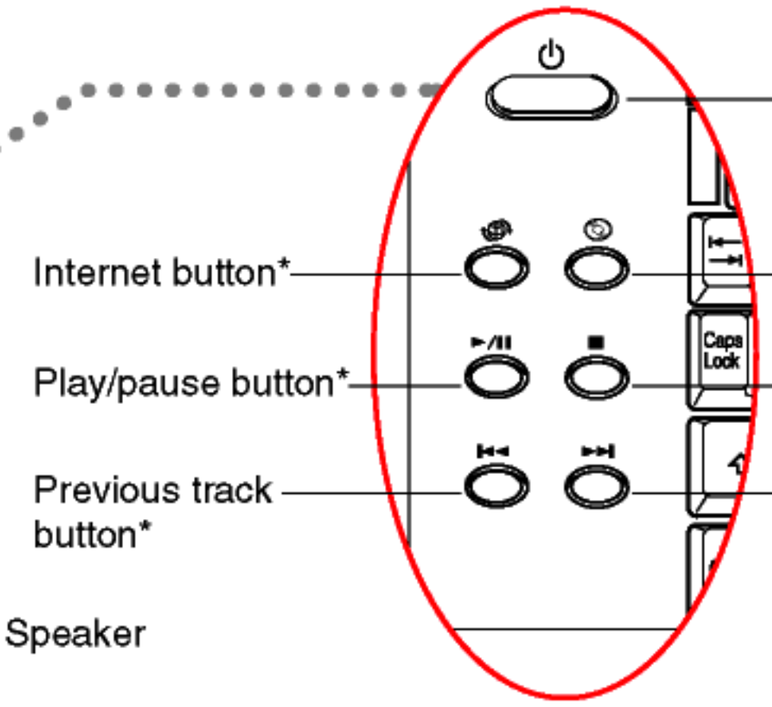
Front with display open

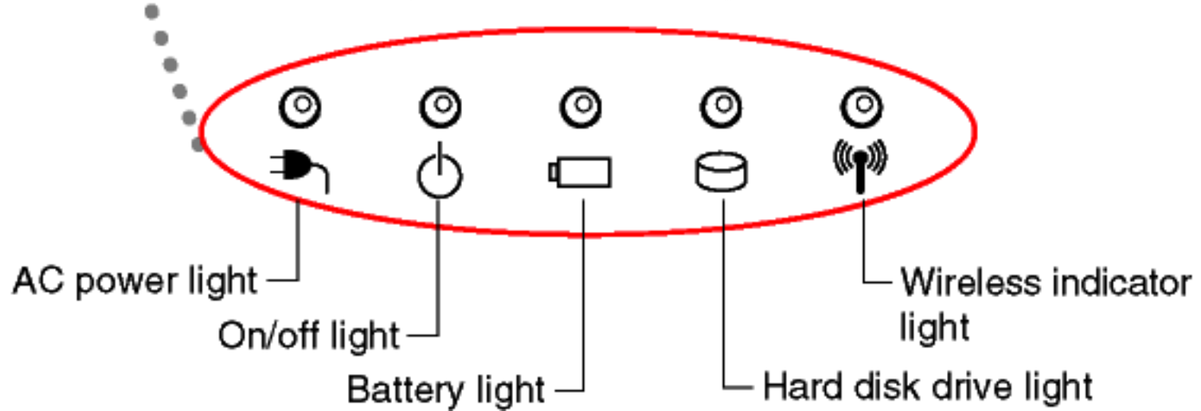


System control buttons

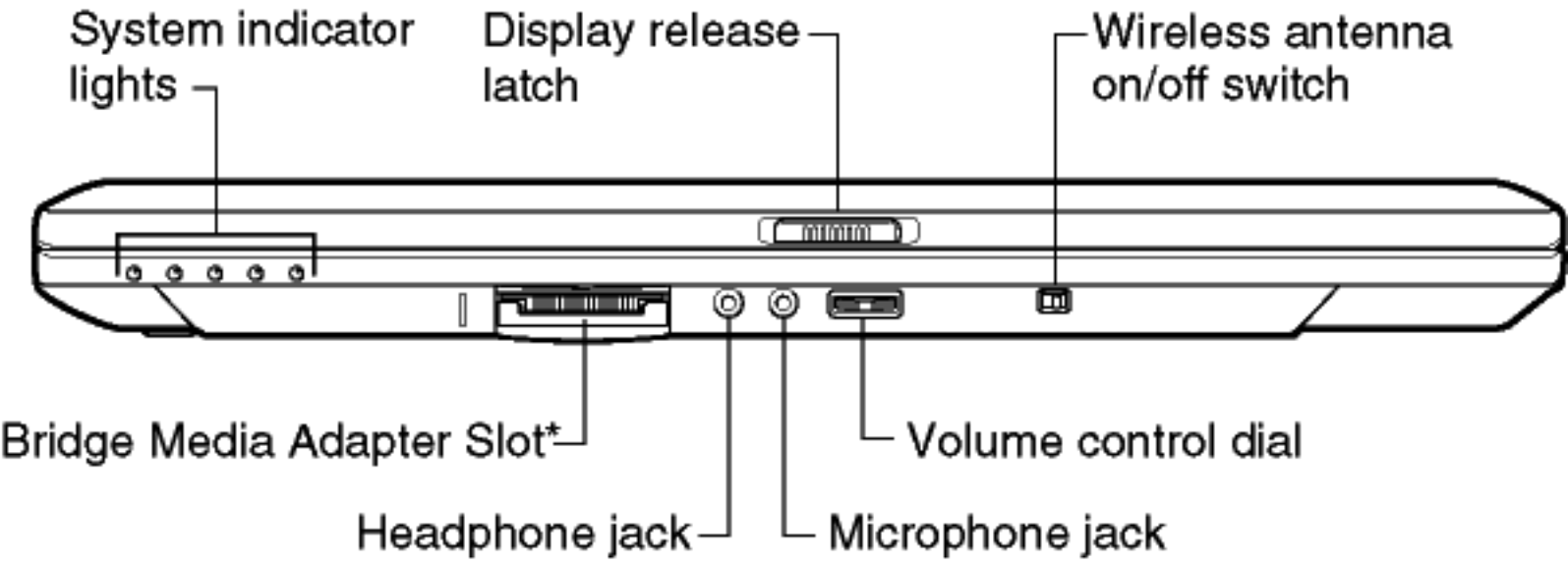


*Available on certain models.

System indicator lights

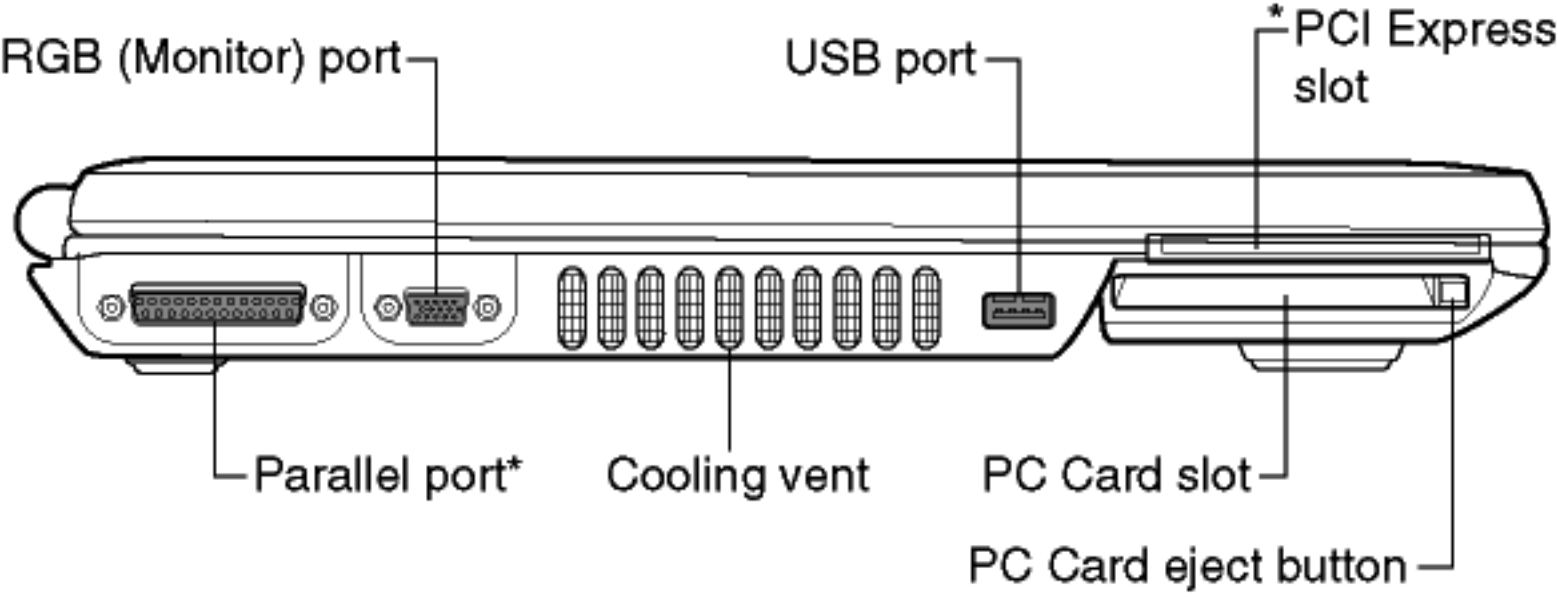


Front with display closed



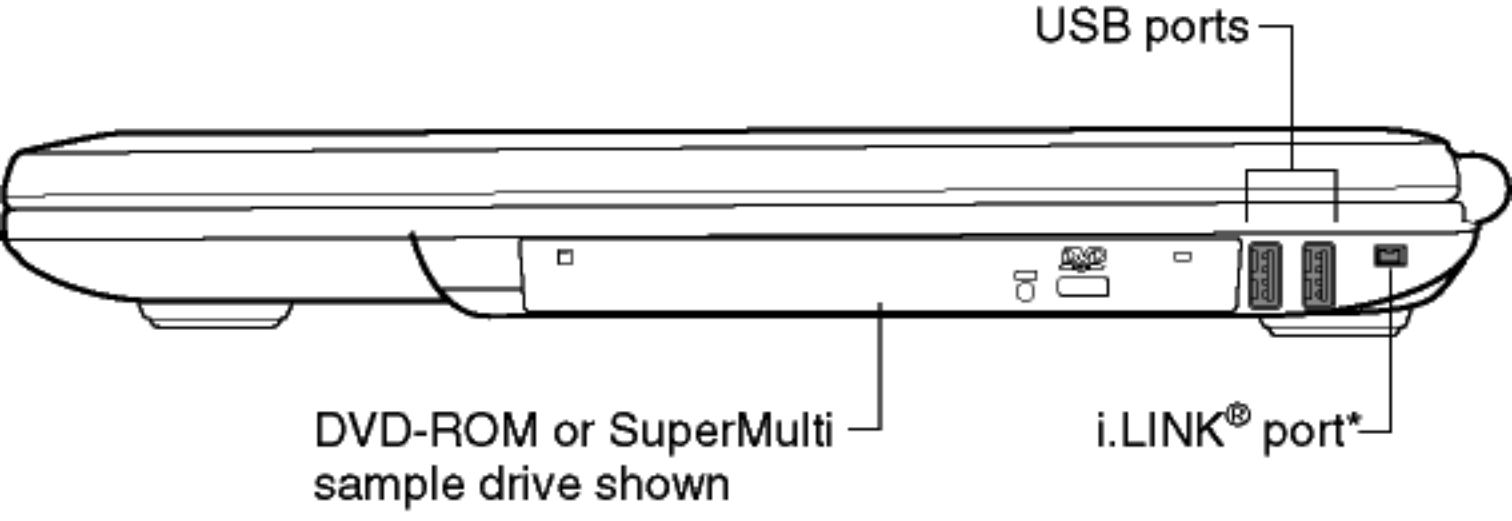
*Available on certain models.

Left side



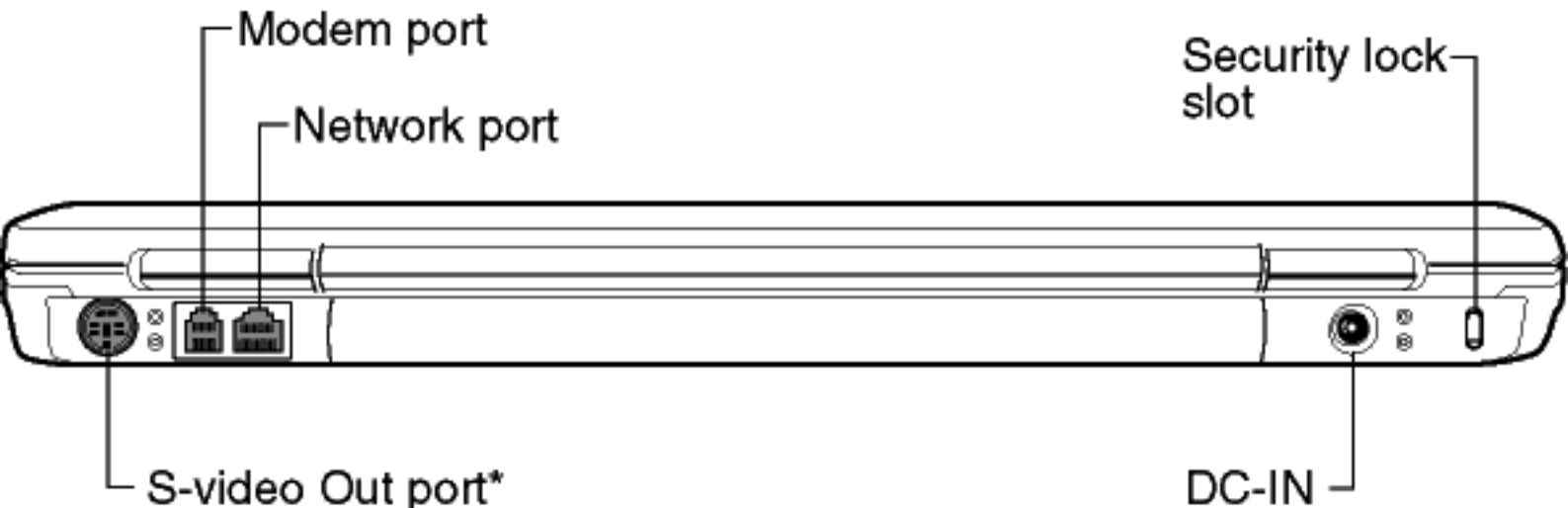
*Available on certain models.

Right side



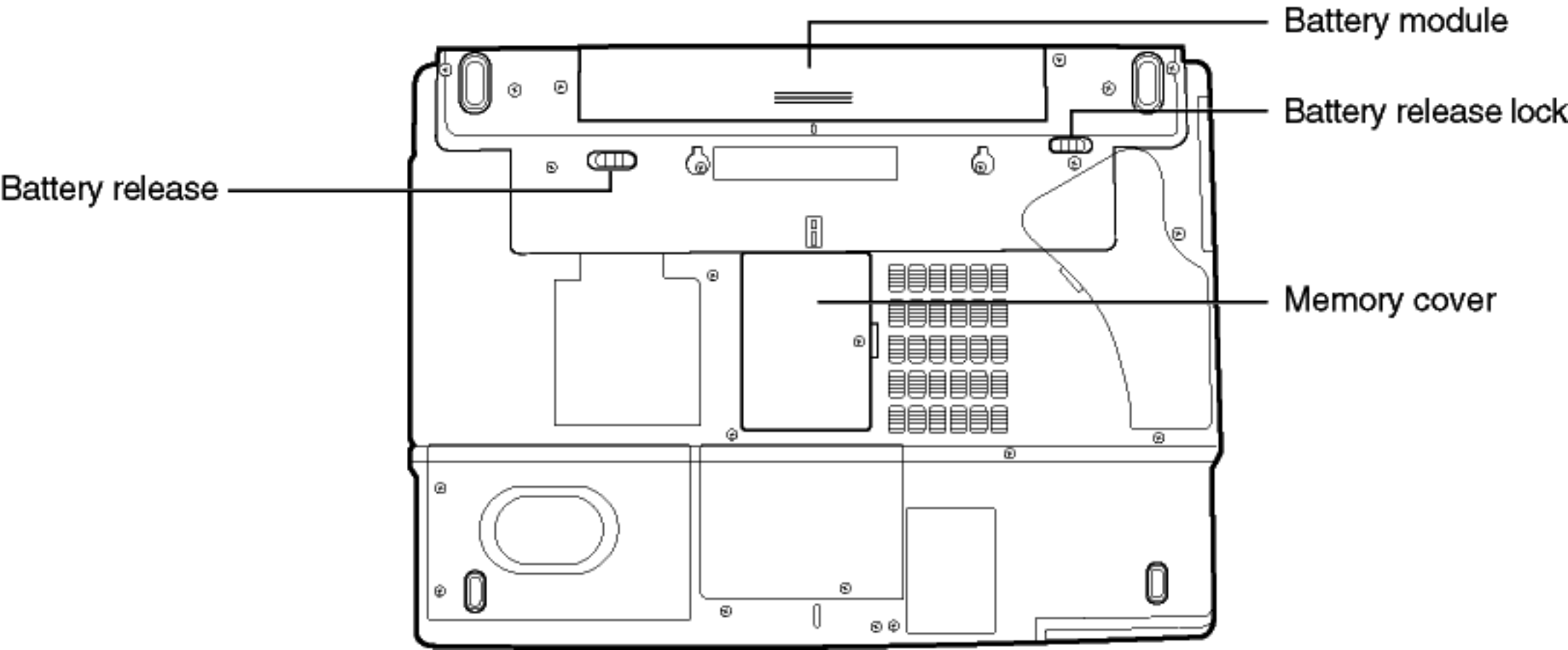
*Available on certain models.

Back



*Available on certain models.

Underside


Battery module
Battery release lock
Battery release
Memory cover